

FORM PTO 1449 (modified)  U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY DOCKET NO. 2003_1435A	SERIAL NO. NEW 101684,403
LIST OF REFERENCES CITED BY APPLICANT(S) (Use several sheets if necessary)		APPLICANT Hideki KUWAJIMA et al.	
Date Submitted to PTO: October 15, 2003		FILING DATE October 15, 2003	GROUP 2627

## U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						

## FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
CAR	AJ	5-47126	2/26/93	JP			Abstract _____
CAR	AK	8-305622	11/22/96	JP			Abstract _____
CAR	AL	9-73746	3/18/97	JP			Abstract _____
CAR	AM	2529360	6/14/96	JP			Abstract _____
	AN						

## OTHER DOCUMENT(S) (Including Author, Title, Date, Pertinent Pages, Etc.)

	AO	
	AP	
	AQ	

EXAMINER

*C. Rausch*

DATE CONSIDERED

6-24-2006

## INFORMATION DISCLOSURE STATEMENT

FORM PTO 1449 (modified)		ATTY DOCKET NO. 2003_1435A		SERIAL NO. 10/684,403				
U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		APPLICANT Hideki KUWAJIMA et al.						
LIST OF REFERENCES CITED BY APPLICANT(S) (Use several sheets if necessary)		FILING DATE October 15, 2003		GROUP 2652-2627				
Date Submitted to PTO: January 12, 2005								
U.S. PATENT DOCUMENTS								
*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
<i>CAR</i>	AA	6,157,522	12/2000	Murphy et al.				
	AB							
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	AH							
	AI							
FOREIGN PATENT DOCUMENTS								
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO	
	AJ							
	AK							
	AL							
	AM							
	AN							
OTHER DOCUMENT(S) (Including Author, Title, Date, Pertinent Pages, Etc.)								
	AO							
	AP							
	AQ							
EXAMINER	<i>C. Reamer</i>		DATE CONSIDERED 6-24-2006					

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.



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U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		APPLICANT Hideki KUWAJIMA et al.	
LIST OF REFERENCES CITED BY APPLICANT(S) (Use several sheets if necessary)		FILING DATE October 15, 2003	
Date Submitted to PTO: February 16, 2006		GROUP 2652-2627	

## U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
CAR	AA	2002/0017014 A1	2/2002	Takeuchi et al.			
CAR	AB	5,187,458	2/1993	Yamashita et al.			
CAR	AC	2002/0121941 A1	9/2002	Sakata et al.			
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## FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
CAR	AJ	0 549 814	7/1993	EP			
CAR	AK	0 996 175	4/2000	EP			
CAR	AL	1 202 273	5/2002	EP			
	AM						
	AN						

## OTHER DOCUMENT(S) (Including Author, Title, Date, Pertinent Pages, Etc.)

CAR	AO	Patent Abstracts of Japan, vol. 010, no. 347 (E-457), 21 November 1986 & JP 61 150287 A, (JAPAN STORAGE BATTERY), 8 July 1986, * abstract *
CAR	AP	Kuwajima, H., et al.: "Thin-Film Piezoelectric DSA For HDD", IEEE Transactions On Magnetics, IEEE Service Center, New York, NY, US, vol. 38, no. 5, September 2002, pages 2186-2188, XP001131574
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EXAMINER

DATE CONSIDERED

6-24-2006